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MASSACHUSETTS HORTICULTURAL SOCIETY

ANNUAL REPORT

FOR THE YEAR 1921

BOSTON
NINETEEN HUNDRED AND TWENTY-TWO

Massachusetts Horticultural Society

ANNUAL REPORT

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MASSACHUSETTS HORTICULTURAL SOCIETY.

1921.

Beginning with the year 1920 a change is made in the publications of the Society. Since 1874 the "Transactions" have been issued in two parts every year, with the exception of the years 1895, 1896, and 1897, when a third part was added containing a list of accessions to the library. Part 1 contained reports of lectures delivered before the Society and Part 2, the annual reports of the various officers and committees.

The necessity of a more prompt issue of the horticultural papers is recognized and the publication of the "Bulletin" renders it unnecessary to continue the former methods. It is now proposed to use the "Bulletin" for the horticultural papers and to publish an annual report containing the reports of officers and committees.

FRED A. WILSON, *Chairman*
THOMAS ALLEN
JOHN K. M. L. FARQUHAR
CHARLES S. SARGENT
} *Committee on Lectures and Publications.*

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Massachusetts Horticultural Society.

OFFICERS AND STANDING COMMITTEES FOR 1921.

President.

ALBERT C. BURRAGE, of Boston.

Vice-Presidents.

THOMAS ALLEN, of Boston.
CHARLES S. SARGENT, of Brookline.

Treasurer.

WALTER HUNNEWELL, of Boston.

Secretary.

WILLIAM P. RICH, of Chelsea.*

Trustees.

GEORGE E. BARNARD, of Ipswich.
ERNEST B. DANE, of Brookline.
WILLIAM C. ENDICOTT, of Boston.
JOHN K. M. L. FARQUHAR, of Boston.
ARTHUR H. FEWKES, of Newton Highlands.
WALTER HUNNEWELL, of Boston.
HENRY H. RICHARDSON, of Brookline.
THOMAS ROLAND, of Nahant.
RICHARD M. SALTONSTALL, of Newton.
MRS. BAYARD THAYER, of South Lancaster.
EDWIN S. WEBSTER, of Boston.
FRED A. WILSON, of Nahant.

Nominating Committee.

OAKES AMES, North Easton. WILTON B. FAY, West Medford.
GEORGE E. BARNARD, Ipswich. DUNCAN FINLAYSON, Jamaica Plain.
THOMAS ROLAND, Nahant.

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* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES FOR 1921

Finance Committee

WALTER HUNNEWELL, *Chairman*
RICHARD M. SALTONSTALL — EDWIN S. WEBSTER

Membership Committee

THOMAS ALLEN, *Chairman*
WILLIAM C. ENDICOTT — THOMAS ROLAND

Committee on Prizes and Exhibitions

THOMAS ALLEN, *Chairman*
JOHN K. M. L. FARQUHAR — ARTHUR LYMAN
THOMAS ROLAND

Committee on Plants and Flowers

T. D. HATFIELD, *Chairman*
DOUGLAS ECCLESTON — DONALD McKENZIE
JULIUS HEURLIN — WILLIAM H. JUDD
S. J. GODDARD

Committee on Fruits

FRED A. SMITH, *Chairman*
WALTER H. GOLBY — ISAAC H. LOCKE
JAMES METHVEN — EDWARD B. WILDER

Committee on Vegetables

WILLIAM N. CRAIG, *Chairman*
EDWARD PARKER — JOHN L. SMITH — WILLIAM C. RUST

Committee on Gardens

ALBERT C. BURRAGE, *Chairman*
JOHN S. AMES — CHARLES SANDER
GEORGE E. BARNARD — CHARLES W. HOITT
RICHARD M. SALTONSTALL

Committee on Library

CHARLES S. SARGENT, *Chairman*
ERNEST B. DANE — NATHANIEL T. KIDDER

Committee on Lectures and Publications

FRED A. WILSON, *Chairman*
THOMAS ALLEN — JOHN K. M. L. FARQUHAR
CHARLES S. SARGENT

Committee on Children's Gardens

JAMES WHEELER, *Chairman*
DR. HARRIS KENNEDY — MISS MARIAN R. CASE
MISS MARGARET A. RAND — MISS ELEANOR W. ALLEN
MISS LOUISA HUNNEWELL

Superintendent of Exhibitions

JAMES WHEELER, NATICK, MASS.

Massachusetts Horticultural Society

ANNUAL REPORT FOR THE YEAR 1921.

Inaugural Meeting.

The Inaugural Meeting of the Massachusetts Horticultural Society for the year 1921 was held at Horticultural Hall, Boston, on Saturday, January 18, at two o'clock, with President Endicott in the Chair.

The retiring President, William C. Endicott, delivered a parting address, reviewing the work of the year 1920, the business transacted by the Board of Trustees, and making certain recommendations for the future work of the Society.

At the close of his address Mr. Endicott presented the incoming President, Albert C. Burrage, who gave an inaugural address entitled "A Plea for the Exotic" which has been published in full in the Society's Bulletin Number 5.

President Burrage then called for the annual reports of the officers and chairmen of the various committees which are summarized on the following pages.

The Board of Trustees.

The Secretary presented a report of the business transacted by the Board of Trustees during the year 1921.

January 17. On motion of Prof. Sargent Mr. Henry H. Richardson was appointed a Trustee for the current year to fill a vacancy existing in the Board. It was voted to approve the addition of three exhibitions for the year 1921, Miss Marian R. Case having agreed to provide the prizes for them. It was voted that the President appoint an Advisory Committee of five members of the Board of which the President should be chairman. The President

appointed as the other members of this committee Messrs. Sargent, Saltonstall, Farquhar, and Roland.

The following appointments were voted for the current year: Walter Hunnewell as Treasurer, William P. Rich as Secretary *pro tem* also Librarian and Superintendent of the Building. On motion of Mr. Farquhar it was voted that a committee of two be appointed to have supervision and superintendence of the Society's building. Messrs. Burrage and Farquhar were appointed as this committee.

On motion of Mr. Wilson it was voted that the President of the Society be a member *ex officio* of all committees with authority to call and attend meetings but without the right to vote at them.

On motion of Prof. Sargent it was voted that the President appoint a committee of three, the President as chairman, to revise the By-laws of the Society. The President appointed Messrs. Saltonstall and Sargent as the other two members of this committee.

The President suggested the importance of a closer touch with the members of the Society and read a draft of a proposed letter to the members encouraging a greater interest in the work of the Society. On motion of Mr. Wilson it was voted to approve the letter and that a copy be sent to every member of the Society together with the Bulletin containing the President's Inaugural Address.

May 5. It was voted to confirm the appropriation of $4,500 for advertising the recent Rose Exhibition as previously recommended by the Committee on Prizes and Exhibitions. It was voted that a Spring Exhibition be held in 1922 at which bulb plants in flower should be the principal feature. An appropriation not to exceed $6,000 was voted for this exhibition and a committee, consisting of Messrs. Burrage, Allen, Farquhar, and Roland, was appointed with authority to frame a schedule for such an exhibition. The President suggested also an exhibition of ferns and wild flowers during the present or the succeeding year and it was voted that the Committee on Prizes and Exhibitions be given full authority to prepare a schedule.

On motion of Prof. Sargent the following named persons were elected to Corresponding Membership in the Society:

Mr. W. R. Dykes, Secretary Royal Horticultural Society.

Mr. Fred J. Chittenden, Wisley Gardens, England.

M. Jacques de Vilmorin, Paris, France.

September 8. The President spoke of the death of Mr. John K. M. L. Farquhar since the last meeting of the Board. Mr. Farquhar had been a member of the Board of Trustees for fifteen years and President of the Society in the years 1913, 1914, and 1915. His death is a loss to the Society as well as to the horticultural interests of a much wider range.

To fill the vacancy existing in the Board on account of the death of Mr. Farquhar Miss Marian R. Case was unanimously elected a Trustee for the remainder of the current year. To fill the vacancies existing in the numerous committees of which Mr. Farquhar was a member, Mr. Burrage was appointed a member of the Committee on the George Robert White Medal of Honor; Mr. Wilson on the Committee on the Supervision of the Society's Building; and Mr. Allen on the Advisory Committee. It was voted that the vacancies in the Committee on Lectures and Publications and on Prizes and Exhibitions remain unfilled for the remainder of the year.

The President offered the following statement:

Boston, September 8, 1921.

Board of Trustees,
Massachusetts Horticultural Society,
Gentlemen:

I hereby propose in writing, at your meeting now being held this 8th day of September, 1921, which is at least two months before the next annual meeting of the Society, which this year comes on November 19th, the following amendments to the by-laws of the Massachusetts Horticultural Society.

Albert C. Burrage.

He offered also a list of the proposed amendments which were duly discussed by the members and on motion of Mr. Endicott it was voted to adopt the statement of the President and to approve the amendments to the By-laws as corrected at the meeting.

It was voted that the Committee on Exhibitions be given full charge of all arrangements for the exhibition of tropical ferns, tropical orchids, and other plants, to be given at Horticultural Hall,

September 22–25, with full power to allot space for exhibits thereat and to change the same from time to time and to make such advertisements of the same as in their discretion is expedient, but at a cost of not exceeding $500.

The President presented a communication suggesting an exhibition of native ferns and wild flowers in the spring of 1922. He stated that at the Native Orchid Exhibition in April of the present year it became apparent that many members of the Society were deeply interested in the native ferns used in connection with the arrangement of that exhibition and would appreciate seeing a comprehensive exhibit of them. He had already done much work upon such an exhibition and had gathered a large part of the material for it. He further suggested that a special committee be appointed to take charge of the matter with full power to arrange such an exhibition if, in their discretion, it seemed expedient to do so; such committee to have the right to authorize such exhibition, to fix the date for it, to advertise it, and to determine the admission price to be charged.

He also offered to guarantee the Society that the receipts shall at least equal the expenditures for advertising the exhibition, setting it up and transporting the plants to and from such exhibition.

It was voted that a special committee of three be appointed, of which the President shall be the chairman, to consider the matter of the proposed native fern exhibition in the spring of 1922, with an appropriation of $2,000 for expenses of the exhibition, advertising, etc.

The President appointed as the other members of this committee Messrs. Sargent and Richardson.

It was voted to confirm the appropriation of $4,773 for the schedule of prizes for the exhibition of September 22–25, 1921, and $200 for the lecture and Bulletin in connection with it.

On motion of Prof. Sargent the following named persons were elected to corresponding membership in the Society:

Mr. C. E. Lane-Poole, Conservator of Forests, Perth, Western Australia.

Mr. J. F. Bailey, Director, Botanic Gardens, Adelaide, South Australia.

Mr. J. Cronin, Curator, Botanic Gardens, Melbourne, Victoria.

Mr. Alister Clark, Glennara, Bulla, Victoria.

Mr. J. H. Maiden, Director and Government Botanist, Sydney, New South Wales.

Dr. L. Cockayne, "Ngaio," Wellington, New Zealand.

Mr. David Tannock, Supt. of Botanic Gardens, Dunedin, New Zealand.

Mr. L. Rodway, Government Botanist and Secretary, Botanic Gardens, Hobart, Tasmania.

October 7. Communications from W. R. Dykes and F. J. Chittenden were read expressing appreciation of the honor of election to corresponding membership in the Society.

The President spoke of the proposed amendments to the By-laws of the Society and it was voted that the revised draft of the amendments to the By-laws of the Massachusetts Horticultural Society presented at this meeting by the President be and the same are approved. It was voted to authorize voting on the various amendments by Sections at the Annual Meeting of the Society in November.

On motion of Mr. Endicott it was voted to appoint John S. Ames Treasurer of the Society to succeed Walter Hunnewell, deceased, and on motion of Mr. Webster it was voted to appoint Mr. Ames a Trustee for the remainder of the current year. It was further voted that the bond of the Treasurer be made $25,000 at the expense of the Society.

The President stated that on account of the large financial deficit for the last two years the Advisory Committee recommended a reduction of the appropriation for prizes for the year 1922 and on motion of Prof. Sargent it was voted that the appropriation for prizes for the year 1922 be made $2,000 to include the income of the special prize funds of the Society, also that the prizes previously voted for the Spring Exhibition be limited to the Bulb Schedule already published.

The special committee on the award of the George Robert White Medal of Honor for the year 1921 reported the name of Mrs. Louisa Yeomans King of Alma, Michigan, for this award. Prof. Sargent, for the committee, stated that it was considered desirable to honor a woman prominent in horticulture, in recognition of her service to horticulture in increasing the love of plants and gardens among

the women of the United States by her success as an organizer and manager of their garden clubs, by her public addresses and books about gardens, and by the example of her enthusiasm and industry. It was voted that the George Robert White Medal of Honor for the year 1921 be awarded to Mrs. Louisa Yeomans King.

On motion of Mr. Webster it was voted that the Treasurer be requested to present at each meeting of the Board a financial statement covering the receipts, expenses, and appropriations to the date of the meeting.

On motion of Prof. Sargent Mr. Gurney Wilson, Editor of the Orchid Review, was elected to corresponding membership in the Society.

Prizes and Exhibitions.

Thomas Allen, Chairman of the Committee on Prizes and Exhibitions, presented the following report:

To anyone who reads attentively the published Transactions of the Massachusetts Horticultural Society it must become evident that in the reports of the various officers and committees there is a great deal of duplicate effort and repetition, causing such reports to be unnecessarily voluminous. Largely on account of this condition a committee was appointed to so adjust and amend the existing By-laws of the Society that the duties and functions of officers and committees are now more clearly defined, and as these amendments have been accepted by the Society, it is hoped that from this time on the above-mentioned superfluities will be obviated.

Bearing in mind these facts your Committee on Prizes and Exhibitions makes its report as concise as possible. It has gathered together some comparative figures which should be of interest.

The principal duty of this committee is to prepare a schedule of exhibitions and prizes covering the whole year, of course, under instruction and supervision of the Board of Trustees. In pursuance of this duty your committee, after holding several meetings and giving the matter due consideration, issued a pamphlet of fifty-one pages covering the field of this particular phase of the Society's activities. A supplementary schedule of eight pages covering the Spring Bulb Exhibition for March, 1922, has also

been prepared and issued. This was necessary in order to give the exhibitors ample time for preparation.

Besides the ten regular exhibitions authorized by the Trustees, two special and unusual exhibitions were held which do not appear in either schedule. These were the Native Orchid Exhibition in May and the Grand Exhibition of Tropical Ferns, Orchids, and Other Plants, in September. The latter necessitated the issuance of a short schedule covering 65 classes.

In coöperation with the American Rose Society a Grand Exhibition of Roses and Other Plants was held April 6 to 10, with the following results: 86 classes were scheduled with $6,789.00 offered in prizes. 72 classes were filled and $5,085.00 in prizes including cost of medals were awarded. The price of admission to this exhibition was placed at $1.00. The receipts at the ticket office, and from trade tickets issued at half-price, were $6,563.00. The expenses, including advertising and installation, came to $4,218.00, showing a net profit of $2,345.00. But if we included in the expense account the prizes awarded we have a horse of another color. Prizes awarded, $5,085.00; expenses, $4,218.00; total, $9,303.00. Receipts, $6,563.00, showing an actual deficit of $2,740.00.

The next exhibition when an admission fee was charged was the Grand Exhibition of Tropical Ferns, Orchids, and Other Plants, September 22 to 25, with the following results: 65 classes were scheduled, with $4,773.00 offered in prizes. 50 classes were filled, and $2,275.00 in cash prizes and $2,000.00 in medals were awarded. The price of admission was fifty cents, receipts from sale of tickets, $555.50, general expense, $866.30, showing a deficit of $310.80. If we include prizes and medals in the expense account we find a deficit of $4,585.80, a return of about 12% on the cost.

The third pay exhibition was the Grand Exhibition of Plants, Flowers, Fruits, and Vegetables held November 2 to 6, with the following results: 120 classes were scheduled and 74 filled. $3,103.00 were offered in cash prizes and medals. $1,319.00 in cash prizes and $168.00 in medals were awarded. The price of admission was again fifty cents, receipts from sale of tickets, $455.00, general expense, $404.75, net profit, $50.25. But if we include prizes and medals in the expense account we have a deficit of $1,436.75.

Summarizing — the total expense of the three pay exhibitions,

including prizes and medals, was $16,336.05. The total gate receipts were $7,573.50, showing a net deficit of $8,762.55.

All the other exhibitions of the year were free and we will ask your patience to consider a few more figures. At the Exhibition of Native Orchids there was an attendance of 22,000. It cost the Society $623.00. But it gave more pleasure to more people at a less cost *per capita* to the Society than any other show of the year.

Next ranks the Dahlia Show when there was an attendance (during two afternoons) of 5,300. Then follows the Gladiolus Show with 4,959, next the Iris with about 4,000, then Peonies with 3,889, then Sweet Peas with 3,619, and then Roses with 3,523. This matter of attendance, or the response of the public to our endeavors on its behalf, is the most extraordinary and inexplicable with which we have to deal. Seemingly the largest crowds are attracted by novelties, or special and unusual features. If we estimate the popularity of everyday flowers to accord with the attendance at the exhibitions we obtain the following scale: 1. Dahlias, 2. Gladioli, 3. Irises, 4. Peonies, 5. Roses.

The question of music at our exhibitions has been much discussed, and the consensus of opinion, so far as we are able to judge, seems to be that it adds enough to the pleasure of the average visitor to justify it as an adjunct. In quality it should be appropriate to the occasion and therefore should be entrusted to the good graces of some person of undoubted taste in such matters.

Fashion in flowers is as capricious and as unstable as it is in my lady's gowns. That which is top-notch today is in the ash heap tomorrow. As an example take Chrysanthemums. Ten years ago they dominated our autumn exhibition and attracted crowds. Now we do not get enough entries to fill the hall and the crowds of visitors have disappeared. In a measure this may be attributable to the very attractive shows the dealers make in their shops and show windows, the psychological fact being that the public will not pay to see an exhibition when they can get the same pleasure for nothing.

One more question arises which is a debatable one; a question of policy, and is brought up by the rather astounding figures we have given you relative to pay and free exhibitions. Our Society being primarily an educational one, its effort should be to reach as large

a number of persons as possible. We stage two exhibitions of practically equal merit. One is free and we get an attendance of 20,000. The other makes a charge of half a dollar and the attendance drops to less than as many hundreds. The lesson seems obvious.

Our neighbor, The Museum of Fine Arts, also an educational institution, remitted the entrance fee a few years ago with the result of a largely increased number of visitors.

The question is, shall we make all of our exhibitions free to the public?

Plants and Flowers.

T. D. Hatfield, Chairman of the Committee on Plants and Flowers, reported in detail the exhibits made at the various exhibitions of the year 1921. An abstract of his report is given herewith.

January 8. At the Inaugural Meeting held this date, President Burrage and J. T. Butterworth showed many rare and beautiful orchids; James Wheeler showed a fine vase of the new pink-colored sport of carnation Matchless; William N. Craig, *Buddleia asiatica;* and S. J. Goddard, a vase of *Erlangea tomentosa* with violet-colored flowers.

April 6–10. The joint exhibition of the Massachusetts Horticultural Society and the American Rose Society exceeded the expectations of the members and others interested. It was one of the best spring shows the Society has held in many years and especially noteworthy for the excellence of the material displayed. Roses and orchids were the principal features. Thomas Roland's rose garden was artistically arranged and contained abundance of the newest and best varieties.

The Breck, Robinson Co.'s garden was quite different in design. If there was any criticism to be made it was lack of color. In other words, a monotony of pink prevailed, which might be according to the tastes of artistically disposed visitors.

The displays of cut roses were excellent. Hybrid Tea roses were the feature. They have quite taken the place of the Tea roses we had years ago. Hardly ever have we seen such magnificent blooms. Orchids also were largely represented.

John S. Ames put up a natural arrangement of Kurume azaleas with rockwork, water, and a dark green background, affording an excellent opportunity to individualize the plants and bring out harmonious color effects.

The Messrs. Farquhar arranged a neat group of Kalmias and Polyanthus in the front vestibule. They kept in first-class condition throughout the show. Lists of other exhibits may be found in the special awards appended to this report.

On April 23 an exhibition of native New England orchids was arranged by President Burrage and scheduled for two days only, but so great was the attraction that it was kept open a week longer. This was probably the most successful exhibition from the viewpoint of attendance the Society has ever held. The paucity of attendance at some of our later exhibitions, where indoor flowers were the feature, may be an indication that the "outdoors" is becoming more and more an attraction and outdoor gardening is to become the gardening of the future. It will be no misfortune if it does. Native trees and even blueberry bushes and water were skilfully used so as to give almost the seclusion of native woods, and the plantings were natural. It was a remarkable achievement to bring so many species in bloom at one time, as many of them do not bloom naturally until late in the season.

May 28. The May Show was too late for lilacs scheduled for this date. A novel feature of the show was the exhibit of miniature rock gardens. Three entries were made, each covering a space $3 \times 2\frac{1}{2}$ feet, filled with wild plants and flowers.

June 4. At the Rhododendron Show held this date the Arnold Arboretum exhibited a new hybrid rhododendron named *Anneliesae*, a cross between *R. arborescens* and *R. calendulaceum*. It was fairly intermediate in character but interesting only as showing what may be expected from this cross. From the Arnold Arboretum came *Rhododendron holmleaense* (*R. discolor* × *R. catawbiense*), a very handsome hybrid raised by Charles Sander. T. C. Thurlow's Sons, Inc., of West Newbury showed a new rhododendron named Wm. P. Rich. It is a very pretty, late, pink-tinted variety, evidently closely related to the variety *delicatissimum*, white.

There were also interesting collections of herbaceous flowers.

June 18 was the date assigned for the Peony Show but it was

too late to be representative. In the vicinity of Boston and south of it they were about past. The Thurlow's Sons' of West Newbury were about right and their exhibit took in about all the best in cultivation. The best blooms in the show came from Ayer's Cliff, Province of Quebec, Canada, and were shown by Harry A. Norton. Mr. Norton also showed La Lorraine, a yellow blooming tree peony of exceptional merit.

June 25. The Rose and Strawberry Show held this date was one of the poorest of the season. The Frick Estate, Manchester, made the only display of hybrid roses of any consequence.

July 9–10. Sweet Pea Show. Sweet peas were in poor condition at the time of this show. The weather had been unfavorable and the only exhibit of any consequence came from the estate of Mrs. Homer Gage, Shrewsbury, Allen J. Jenkins, gardener.

August 13–14. The Gladiolus Show was held in coöperation with the New England Gladiolus Society and was one of the best exhibitions of the year; all the halls were filled to overflowing. The season was just right and the quality of the flowers was never better. The cream of the latest introductions was presented by nearly every exhibitor, especially so in the line of the Kunderd and Primulinus hybrids. About half the blooms shown were of the latter type and were easily noticeable in the yellow, copper, and apricot shades, and softened down the brilliant tints of other types.

September 10. The Dahlia Show. This is always one of our most successful shows. We can always depend on a good display. Dahlia enthusiasts insure a good attendance.

The dahlia has changed wonderfully in the passing years. In days gone by we depended to a great extent on importation, but classes were restricted for the most part to "Show," "Fancy," and "Pompons." Later the Cactus-flowered varieties came in and crosses of the various types, already in cultivation, produced new forms which are now established and known as "Peony Flowered," "Decorative," and "Collarette." Seedlings are easily raised and bloom the first year, so that many new varieties are each year introduced for public favor, and we have become independent of foreign introductions.

September 22–25. A special exhibit of tropical ferns and orchids was held on these dates. Probably never before have so many

ferns of all kinds been brought together at one exhibition and never before has so much effort on the part of the Society failed to attract the public. As a collection of ferns by one exhibitor, that put up by W. A. Manda of South Orange, N. J., was probably the largest ever seen anywhere. It was as complete as possible. All the types, from the stately tree ferns to the most diminutive Selaginellas were included, down even to the reproduction of ferns by spores. Ferns entered everywhere in all the groups and were the dominating feature, but scarcely less so were orchids and hardly anywhere have we seen so many rare and beautiful kinds.

November 2–6. The Chrysanthemum Show held on these dates was the best we have had for years. True, it lacked specimen plants, once the feature, but this deficiency was made up by groups of chrysanthemums arranged with other plants tastefully set up by Loren D. Towle of Newton and Mrs. Homer Gage of Shrewsbury. So nearly were they of equal decorative value that it was difficult for the judges to decide. Hardly secondary to the chrysanthemum displays were the groups of new hybrid begonias shown by Thomas E. Proctor of Topsfield and Edwin S. Webster of Chestnut Hill.

It is fitting here to mention an old exhibitor of chrysanthemums, James Nicol of Quincy, who has been showing cut blooms for more than twenty years. He never failed to enter in the class for the Henry A. Gane prizes. He grew the variety "Mrs. Jerome Jones" exhibited at this exhibition for the last time and has since passed away.

In addition to the money awards as listed in the Schedule the following special awards have been made by the committee:

GOLD MEDAL.

April 6. Thomas Roland, rose garden.
" " A. C. Burrage, group of orchids.
" " J. T. Butterworth, " " "
" " A. N. Cooley, " " "
" " Charles Sander, Holm Lea azaleas.
" " J. S. Ames, artistically arranged group of Kurume azaleas.
" " S. J. Goddard, Carnation Laddie.
" 23. A. C. Burrage, display of New England orchids.
May 28. " " " collection of Odontoglossums.

September 22. W. A. Manda, group of tropical greenhouse ferns.
" " " " " collection of Adiantum ferns.
" " " " " " " Polypodium ferns.
" " A. C. Burrage, group of tropical greenhouse ferns.
" " " " " group of tropical ferns and tropical orchids.
" " " " " collection of Cibotium ferns.
" " Julius Roehrs Co., group of orchids, foliage plants, and ferns.
" " Brooklyn Botanic Garden, educational collection of ferns.
" " Oliver Lines, superior cultivation of hybrid Cattleyas.
" " Douglas Eccleston, artistic arrangement of fern group.
" " Arthur Lyman, best collection of new and rare greenhouse and foliage plants.
November 2. T. E. Proctor, group of winter-flowering begonias.
" " A. C. Burrage, group of orchid plants in bloom.

Appleton Gold Medal.

April 6. J. T. Butterworth, group of orchids.
" " Walter Hunnewell, " " "
" " A. C. Burrage, best twelve orchid plants.
" " " " " best six orchid plants.
" " " " " best specimen orchid plant: *Cattleya Schroderae.*
" " Breck Robinson Co., Landscape Department, for excellence of design of rose graden.
" " C. S. Sargent, *Taiwania cryptomerioides.*
" " T. E. Proctor, *Rhododendron Schlippenbachii.*
" 23. Douglas Eccleston, for natural arrangement of New England orchids.
May 28. George I'Anson, superior cultivation of Odontoglossums.
June 18. J. T. Butterworth, decorative display of Miltonias.
September 22. W. A. Manda, group of tropical greenhouse ferns, 100 sq. ft.
" " " " " " " " " " 50 sq. ft.
" " " " " best single *Nephrolepis exaltata.*
" " " " " best single Cibotium fern: *Cibotium Scheidei.*
" " " " " specimen tree fern.
" " " " " collection of Dracaenas.
" " " " " collection of fern plants which best show the fern growth from the germination of the spores through the series of different growths until the plant is fully developed.
" " " " " collection of Rex Begonias.
" " T. E. Proctor, best single specimen of Adiantum fern: *Adiantum Farleyense.*
" " A. C. Burrage, collection of twelve Platycerium ferns.

September 22. A. C. Burrage, collection of Selaginellas and Lycopodiums.
" " " " " specimen tree fern with other foliage or flowering plant attached to stem.
" " " " " group of tropical ferns and Vanda orchids.
" " " " " collection of Rex Begonias.
" " Mrs. A. F. Estabrook, best single specimen of Polypodium fern: *Polypodium Mandaianum.*
" " A. N. Cooley, group of tropical ferns and tropical orchids.
" " " " " Brasso-Laelio-Cattleya Baroness (L.-C. Ophir × *B.-C. Leemanniae*).
" " F. R. Pierson, *Nephrolepis exaltata compacta aurea.*
" " Julius Roehrs Co., *Angiopteris evecta.*
" " Clement Moore, twenty-five square feet of orchids.
" " Frederick Pocock, cultivation of rare and choice ferns.
" " G. E. Baldwin, collection of hybrid orchids.
November 2. E. B. Dane, group of orchid plants in bloom.

Silver Medal.

January 8. A. C. Burrage, Laelio-Cattleya Cardinal Mercier.
March 5. " " " Cattleya Enid alba var. Silver Queen.
" " " " " Sophro-Laelio-Cattleya Brilliant.
" " " " " *Odontioda Burragei* (*O. Bradshawiae* × Unknown).
April 6. Walter Hunnewell, group of Dendrobiums.
" " E. S. Webster, best twelve orchid plants.
" " A. W. Preston, Brasso-Cattleya Hilda.
" " A. N. Cooley, Sophro-Laelio-Cattleya Meuse, var. Gen. Nivelle.
" " Julius Roehrs Co., collection of Odontiodas.
" " Muller-Sealey Co., Inc., *Cymbidium Pauwelsii.*
" " A. C. Burrage, specimen orchid plant: *Cattleya Skinneri.*
" " Charles Sander, Azalea Hilda Hedlund.
" " " " *Azalea obtusa alba.*
" " James Marlborough, Rhododendron Pink Pearl.
" " Walter Hunnewell, display of *Rosa Hugonis.*
" " William Sim, Carnation Grace Coolidge.
" " Penn, the Florist, miscellaneous cut flowers.
" " H. R. Comley, " " "
May 28. H. F. Chase, Iris Lord of June.
June 18. T. C. Thurlow's Sons, Inc., display of peonies.
" 25. Faulkner Farm, best display of herbaceous flowers.
July 9. E. H. Wetterlow, Tuberous Begonia Frau Helene Harms.
August 13. C. F. Fairbanks, Gladiolus Dorothy Wheeler.
" " B. H. Tracy, gladiolus garden.
September 22. T. E. Proctor, group of tropical greenhouse ferns.

September 22. Wollrath & Sons, group of tropical greenhouse ferns 200 sq. ft.
" " " " " group of tropical greenhouse ferns 100 sq. ft.
" " " " " single *Nephrolepis exaltata*.
" " " " " two specimen ferns in hanging baskets.
" " W. A. Manda, twelve distinct varieties of tropical greenhouse ferns.
" " W. A. Manda, six distinct varieties of tropical greenhouse ferns.
" " W. A. Manda, collection of Nephrolepis ferns.
" " " " " collection of Cibotium ferns.
" " " " " single specimen of Adiantum fern.
" " " " " collection of twelve Platycerium ferns.
" " " " " best single Platycerium fern: *Platycerium Hillii*.
" " " " " one specimen fern in hanging basket.
" " " " " best collection of new and rare greenhouse and foliage plants.
" " A. C. Burrage, single specimen of Polypodium fern: *Polypodium Mandaianum*.
" " A. C. Burrage, best Odontoglossum fern in the exhibition: *Odontoglossum grande*.
" " A. C. Burrage, best Vanda orchid in the exhibition: *Vanda Lowii*.
" " A. C. Burrage, two specimen ferns in hanging baskets.
" " A. C. Burrage, one specimen fern in hanging basket: *Polypodium Knightii*.
" " A. N. Cooley, best Cattleya orchid in the exhibition: Cattleya Princess Royal (*C. Fabia* × *C. Hardyana*).
" " Mrs. A. F. Estabrook, best single specimen of Dracaena.
November 2. L. D. Towle, group of orchid plants in bloom.
" " James Marlborough, Begonia Emily Clibran.

Bronze Medal.

April 6. Boston Cut Flower Co., basket of roses.
" 23. William Reoch, hybrid calceolarias.
June 4. Miss Grace Sturtevant, twenty-four vases of irises.
September 22. Wollrath & Sons, one specimen hanging basket with ferns.

First Class Certificate of Merit.

January 8. A. C. Burrage, Cymbidium Doris (*C. insigne* × *C. Tracyanum*).
" " A. C. Burrage, Odontioda Massachusetts (O. Phoebe × *O. Vuylsiekeae*).

January 8. A. C. Burrage, *Odontoglossum amabile* var. Illuminator (*O. crispum* × *O. crispo-Harryanum*).
" " A. C. Burrage, *Odontoglossum Crawshayanum* (*O. Hallii* × *O. Harryanum*).
" ". A. C. Burrage, orchid display.
March 5. A. C. Burrage, Laelio-Cattleya Sunrise (*Laelia flava* × *Cattleya Gaskelliana*).
" " A. C. Burrage, *Odontioda rosefieldiensis* (*Cochlioda Noetzliana* × *Odontoglossum triumphans*).
April 6. A. C. Burrage, Laelio-Cattleya California.
" " " " " " *labiosa*.
" " " " " *Miltonia Hyeana* Flambeau.
" " " " " *Odontoglossum ardentissimum Johnsonii*.
" " " " " *Phalaenopsis Veitchii*.
" " A. N. Cooley, *Cattleya Mossiae Reineckiana*.
" " " " " Brasso-Laelio-Cattleya Joan Potins var.
" " " " " *Brasso-Cattleya speciosa grandis*.
" " " " " *Odontoglossum crispum*.
" " J. T. Butterworth, Cypripedium J. T. Butterworth.
" " J. B. Duke, Odontioda Joan var. Mrs. Harding.
" " Mrs. E. S. Grew, *Nemesia versicolor*.
" " C. S. Sargent, *Rhododendron phoeniceum* var. *tebotan*.
" " E. S. Webster, *Odontoglossum lutescens*.
" " J. H. Dunlop, seedling rose.
" 23. Mrs. Andrew Adie, Dendrobium Victoria Regina.
May 28. Julius Heurlin, *Trollius europaeus* var. Elinor.
" " A. C. Burrage, Laelio-Cattleya Stevenson (Cattleya Empress Frederick × *Laelia purpurata*).
" " A. C. Burrage, Odontoglossum Aztec (*O. Pescatorei* (*nobile*) × Unknown).
" " A. C. Burrage, *Odontioda Wilsoni* (*Cochlioda vulcanica* × *Odontoglossum Pescatorei*).
June 4. Miss Grace Sturtevant, seedling white iris.
" " " " " Iris (Parisiana × Mesopotamia).
" " Arnold Arboretum, *Rhododendron holmleaense* (*R. discolor* × *R. catawbiense*).
August 13. C. F. Fairbanks, Gladiolus Marshal Foch.
September 10. G. L. Fish, collection of seedling dahlias.
" " W. A. Manda, *Dahlia Mandaiana*.
" " A. C. Burrage, *Cattleya Petersii* Memorial to Cardinal Gibbons.
" 22. H. A. Dreer, *Dryopteris viridescens*.
" " R. & J. Farquhar Co., collection of cut flowers.
November 2. Patten & Co., Carnation Thomas C. Joy.
" " A. C. Burrage, Sophro-Cattleya Queen Empress (*Sophronitis grandiflora* × *Cattleya Mossiae*).

November 2. E. B. Dane, Cypripedium King Arthur.
" " " " " " Diabolo.
" " L. D. Towle, Cattleya Leda (*C. Percivaliana* × *C. Dowiana aurea*).
" " " " " *Cattleya Ingramiae alba*.

Cultural Certificate.

March 5. Douglas Eccleston, specimen *Cattleya Trianae*.
April 6. W. W. Edgar Co., group of *Lilium candidum*.
" " W. C. Rust, specimen Cyclamen plants.
" " John Uffmann, superior cultivation of Cymbidiums.
" " William Reoch, specimen hybrid Calceolarias.
May 28. Douglas Eccleston, *Brassia verrucosa*.
August 13. A. L. Stephen, superior cultivation of Gladioli.

Honorable Mention.

January 8. A. C. Burrage, *Miltonia Bleuana*, Orchidvale var.
" " J. T. Butterworth, *Odontoglossum tentaculatum* (*O. gloriosum* × *O. Wilckeanum*).
" " J. T. Butterworth, Cypripedium Lady Wimborne (*C. villosum* × *C. Leeanum giganteum*).
" " S. J. Goddard, *Erlangea tomentosa*.
April 6. Mrs. W. R. Cross, collection of sweet peas.
" " S. J. Goddard, Carnation Happy Day.
" " H. A. Stevens, Carnation Patricia.
" " Walter Hunnewell, *Choisya ternata*.
" " R. & J. Farquhar Co., display of Kalmia and primroses.
May 28. Miss M. R. Case, collection of cut flowering shrubs and herbaceous flowers.
" " Walter Hunnewell, collection of rhododendrons.
June 4. E. M. Dunphe, seedling Iris Francis Bennett.
" " Miss Grace Sturtevant, collection of irises.
" " H. H. Richardson, *Anisostichus capreolata*.
" " T. C. Thurlow's Sons, Inc., collection of seedling peonies.
" " Arnold Arboretum, *Rhododendron Anneliesae* (*R. arborescens* × *R. calendulaceum*).
June 18. Blue Hill Nurseries, collection of seedlings of *Iris laevigata*.
" " Miss R. A. Butterworth, decorative display of cut orchids.
" 25. T. D. Hatfield, seedling roses.
July 9. Blue Hill Nurseries, display of Astilbes, lilies, and Aconitums.
August 13. James Donald, Cosmos Suffragette.
September 10. G. L. Fish, Dahlia Hav-a-look Gem.
" " J. E. Jones, Dahlia Miss Bay State.
" " T. J. Murphy, Dahlia White Beauty.

September 10. C. L. Alling, seedling decorative dahlia No. 66.
" " Joseph Breck & Sons Corp., collection of dahlias.
" " Fottler, Fiske, Rawson Co., display of dahlias and gladioli.
November 2. Patten & Co., Carnation Natalie.
" " Thomas Roland, display of decorative plants in pots.
" " Arnold Arboretum, collection of berried shrubs.
" " Strouts, display of carnations.
" " Caplan, the Florist, artificial landscape display.
" " H. R. Comley, display of cut flowers.
" " J. J. O'Brien, " " " "

Other Awards.

April 6, the A. C. Burrage Silver Cup was awarded to the Julius Roehrs Co. for Display of Orchids, to occupy a space of 200 sq. ft.

April 6, the North Shore Garden Club Silver Cup was awarded to Thomas Roland for the best rose suitable for outdoor cultivation in Massachusetts not previously exhibited before the Massachusetts Horticultural Society. Rose Los Angeles.

June 4, the Hillcrest Silver Vase was awarded to Iristhorpe for best display of any variety of iris arranged for effect by an amateur, to be awarded to the exhibitor winning it three times.

September 22, a Silver Cup was awarded to A. C. Burrage for the most artistically arranged group in the exhibition.

Fruits.

Fred A. Smith, Chairman of the Committee on Fruits, presented his report for the year 1921 as follows:

The exhibition of fruit has been a feature of six exhibitions held by the Society this year. The number of the exhibitors and the size of the exhibits have been a disappointment to the committee. There have been many circumstances, however, to contribute to this state of affairs. First among these was the unfavorable climatic conditions which existed at the blossoming periods. Successive and continued frosts and even freezes, extending over a long period and these alternating with rainy periods and long continued lowery weather gave the very reverse of favorable conditions for proper pollenation of fruit. This low fertilization was followed by excessive outbreaks of insect and fungous troubles, a condition which often follows.

In spite of the above unusual conditions some of the exhibits of

fruit were good to excellent, notably the grapes, melons, and peaches. The strawberry show was rather disappointing both as to variety and quality and also as to the number of exhibitors.

It would appear that we are now at a turn in the road, or perhaps cross-road, in the fruit section of horticulture. Old orchards are passing out and disappearing at a rapid rate. Many young orchards planted in hope and cherished and cultivated with enthusiasm for a few years are now being badly and sadly neglected. The troublesome times of the past five years have negatived much of the admirable work of the previous decade. Even nursery production of fruit trees and stock has reached the lowest ebb for twenty-five years. The Society through its influence can play an important and constructive part in the reëstablishment of the fruit industry in the state.

We cannot pass without commenting on the severe loss sustained by our orchards during and through the recent ice storm. The loss appears to range from slight, in young orchards, to 30% and even 35% loss in old orchards. Some old orchards, until recently very valuable assets to their farms and owners, are now a questionable asset. Decay and further breaking of the trees must soon follow with the next crop years. More thought must be given to pruning and the shaping of our tree heads.

Outside the usual money awards as listed in the Schedule of Prizes the only special award was that of a Certificate of Honorable Mention to Hillcrest Gardens, Weston, for an exhibit of the Senator Dunlap, Premier, and Wilfrid Wheeler strawberries.

Vegetables.

William N. Craig, Chairman of the Committee on Vegetables, reported that classes were allotted to vegetables at seven of the eleven prize exhibitions held in 1921. The displays have been on the whole fairly satisfactory. Competition, however, has lacked the snap of former years. Several causes have helped to bring this about. The past season was a most erratic one. The leading exhibitors found difficulty in making displays in the midsummer months owing to enforced shortage of labor on their estates, and the size of premiums offered was not specially attractive.

No novelties of particular value were shown the past season and the solitary Silver Medal allotted for vegetables was awarded at the November exhibition to the Thomas J. Grey Co. for an excellent, well-arranged, and varied display. For an exhibit of peanuts grown on Cape Cod Howard Marston was awarded a Certificate of Honorable Mention. The William B. H. Dowse Trophy was awarded to Thomas W. Little of Dedham whose exhibits through the year were all of commendable excellence.

The committee favors the continuance of the summer exhibitions and would suggest the desirability of holding a large combined fruit and vegetable exhibition in the autumn of 1923, one which would attract skilled growers from a distance. The committee would suggest also that it would be a good plan to ask the vegetable committee to draft a schedule for the year as soon as the number of shows and amount of money available for premiums has been decided upon. If this plan were adopted some of the vagaries in past schedules could be eliminated. A further suggestion and a very important one would be that schedules be printed and distributed on or about January 1 as was formerly done. The late date of issuance of past years has been a handicap to would-be exhibitors.

Children's Gardens.

The Committee on Children's Gardens, through its Chairman, James Wheeler, reported a continued interest in this branch of the Society's activities. Every year the standard of this annual exhibition is higher in quality and arrangement. It is creating a love for horticulture and agriculture, developing better citizens by beautifying their homes and towns and teaching them to conserve their products through the canning clubs. The appropriation for prizes at this exhibition was $307 all of which was awarded to children representing 26 towns and districts in eastern Massachusetts. A list of the entries at the exhibition, held August 27 and 28, will give some indication of the interest shown. There were 97 plates of string beans entered, 63 of tomatoes, 79 of beets, 51 of carrots, 38 of potatoes, 38 of corn, 85 in the class for any other vegetable, and 21 in the class of preserved vegetables.

Through the interest of several members of the Society the committee was enabled to offer a Challenge Cup for the largest and

best collection of vegetables and flowers from a school garden which brought out keen competition. It was won this year by the William McKinley school of Brockton.

A pleasing addition to the exhibition was an illustrated talk by Miss M. R. Case on "A year in New England as seen by a camera," which showed the children the beauty of the land in which they are living.

The Library.

The catalogue of the library of which frequent mention has been made in the Librarian's report in recent years has at last been completed and published. It is a quarto volume of 587 pages arranged in two parts. Part 1 contains an alphabetical list of authors and titles occupying 372 double-column pages and Part 2, a classified arrangement under subject headings occupying 215 pages. It has received highly complimentary notice from horticulturists in both Europe and the United States.

Mr. Warren H. Manning has presented to the library during the year an interesting collection of horticultural trade catalogues numbering several thousands which has not as yet been wholly assorted and added to the already large collection of this material. The additions this year of trade catalogues have been 691 making the total number to January 1, 1922, 11,624.

Additional Notes.

While the details of the various exhibitions of the Society during the year 1921 are fully set forth in the reports of the chairmen of the several committees the Secretary will add a few observations which may be worthy of record.

The appropriations for prizes and gratuities have been the largest for many years. The actual awards made, including medals, have been as follows:

For plants and flowers,	$9,707.02
For fruits,	473.00
For vegetables,	544.00
For children's gardens,	307.00
A total of	$11,031.02

The amount of prizes awarded at the summer shows was comparatively small yet seventy-five per cent of the total attendance for the year was represented in these exhibitions. It is through these summer shows that the principal horticultural educational work of the Society is done.

These statistics contain suggestions worthy of thoughtful consideration in making up the annual schedules of prizes and exhibitions.

In February and March a course of four lectures was given by Professor W. J. V. Osterhout of Harvard University. His subject was "The Means of Controlling the Growth and Form of the Plant," with especial reference to the effects of food, water, soil conditions, poisons, vitamins, and stimulants. The charm of Professor Osterhout's manner in addition to the subject treated rendered these lectures of more than usual interest.

It has been often suggested that lectures be given at the regular exhibitions of the Society by horticulturists who have had special practical experience in the cultivation of the principal flowers shown. This suggestion was made effective this year through the generous interest of Miss Marian Roby Case who provided the following named lecturers for the nine summer and autumn exhibitions:

May 28–29. Kenneth W. Gillett, Southwick, Mass., on the cultivation of wild flowers.

June 4–5. T. D. Hatfield, Wellesley, Mass., on rhododendrons and azaleas.

June 18–19. Bertrand H. Farr, Wyomissing, Pa., on peony culture.

June 25–26. Wilfrid Wheeler, Concord, Mass., on strawberry culture.

July 9–10. Allen J. Jenkins, Shrewsbury, Mass., on sweet pea culture.

August 13–14. H. E. Meader, Dover, N. H., on gladiolus culture.

August 27–28. Miss Marian R. Case, Weston, Mass., an illustrated lecture, a year of New England scenery.

September 10–11. J. K. Alexander, East Bridgewater, Mass., on dahlia growing.

November 2–6. Albert R. Jenks, West Acton, Mass., on orchard fruit culture.

In addition to the above a lecture on tropical ferns was given by Ralph C. Benedict, Brooklyn, N. Y., in connection with the Tropical Fern Exhibition, September 22–25. These lectures are a valuable addition to the educational work of the Society.

At the Annual Meeting of the Society in November numerous amendments to the By-laws, recommended by the Trustees, were presented for action by the members, resulting in their adoption by more than the two-thirds vote required.

The publications of the Society during the year and the dates of issue are as follows:

February 5. Bulletin No. 5. A Plea for the Exotic.

February 11. Schedule of Prizes and Exhibitions for 1921, 52 pages.

February 19. Completed Catalogue of the Library. 587 pages.

March 18. Bulletin No. 6. The Arrangement of Flowers in public exhibitions.

March 21. Bulletin No. 7. Winter Flowering Begonias.

April 6. Bulletin No. 8. Literature of the Rose.

April 20. Annual Report for 1920, 60 pages.

June 15. Schedule of Prizes for the Tropical Fern Exhibition, September 22–25, 4 pages.

June 28. Preliminary Schedule of Prizes for the Spring Bulb Exhibition, March, 1922, 8 pages.

WILLIAM P. RICH,
Secretary.

Massachusetts Horticultural Society.

Report of the Treasurer for the Year 1921.

Income.

Income from Investments and Bank Interest . .	$15,094 92	
" " Rents	9,106 69	
" " Membership Fees	634 00	
" " Exhibitions, net	1,844 52	
" " Sale of Lots in Mt. Auburn Cemetery	3,596 00	$30,276 13

Expenses.

Operating Expense		26,462 08
Viz: Salaries	$5,124 00	
Insurance	1,163 13	
Heating	2,155 15	
Labor	5,373 70	
Incidentals	3,724 16	
Stationery and Printing . . .	1,588 07	
Lighting	1,926 91	
Library	402 93	
Postage	285 00	
Repairs	948 52	
Library Catalogue	3,702 58	
Sundry Donations	67 93	
Prizes		7,776 00
Viz: Plants and Flowers in excess of Income from Special Funds .	7,006 00	
Fruits in Excess of Income from Special Funds	55 00	
Vegetables in Excess of Income from Special Funds	408 00	
Children's Gardens	307 00	
Expenditures by Committees		2,648 02
Viz: Lectures and Publications . .	460 00	
Medals	1,664 02	
Plants	304 00	
Fruits	84 00	
Vegetables	136 00	

Expenses Paid from Funds			$2,130 26
Viz: Samuel Appleton Fund	$52 00		
John A. Lowell "	34 00		
Theodore Lyman "	538 00		
Josiah Bradlee "	68 00		
H. H. Hunnewell "	32 00		
W. J. Walker "	89 00		
Levi Whitcomb "	47 00		
Benj. B. Davis "	10 00		
Marshall P. Wilder "	38 00		
John Lewis Russell "	40 00		
Henry A. Gane "	139 00		
John S. Farlow "	197 87		
John D. W. French "	301 39		
Benj. H. Pierce "	24 00		
John C. Chaffin "	64 00		
Benj. V. French "	120 00		
John Allen French "	184 00		
John S. Farlow "	92 00		
A. C. Burrage "	60 00		
Legal Expense		59 48	
Excess of Expenditures over Income		8,799 71	$39,075 84

Assets.

Assets (Book Value) December 31, 1921.

Real Estate	$498,564 63
Furniture and Exhibition Ware	7,982 61
Library	46,580 47
$2000 Kansas, Clinton & Springfield 5% Bds. 1925	1,980 00
$10,000 Lake Shore & Mich. Southern R. R. 3½% Bds. 1997	10,000 00
$21,000 City of Newton, 4% Bds. 1928	21,000 00
$50,000 Atchison, Topeka & Santa Fe, 4% Bds. 1995	44,693 25
$50,000 Chicago, Burlington & Quincy, Neb. 4% Bds. 1927	50,000 00
$11,300 Pere Marquette R. R. 5% Bds.	9,933 75
$25,000 Kan. City, Ft. Scott & Memphis, 6% Bds. 1928	25,000 00
$50,000 Chicago, Burlington & Quincy, Ill. Div. 3½% Bds. 1949	50,000 00

$8,000 Boston & Maine R. R. 4½% Bds. 1944	$8,000 00
$4,000 Amer. Tel & Tel. Co. Convert 4% Bds. 1936	4,000 00
$4,000 Interborough Rap. Transit 5% Bds. 1966	3,920 00
$12,000 Pacific Tel. & Tel. Co. 5% Bds. 1937	11,670 00
$10,000 Amer. Tel. & Tel. Co. 4½% Bds. 1933	8,396 00
$12,000 United States Liberty Bds. 2nd Conv. 4¼%	12,000 00
$5,000 United States Steel 5% Bds. 1963	5,043 75
331 Shares General Electric Co.	13,696 49
110 Shares Standard Oil Co. of New Jersey	11,550 00
Treasurer's Cash	268 91
Bursar's Cash	1,696 90
	$845,976 76

LIABILITIES.

Samuel Appleton	Fund	$1,046 00	
John A. Lowell	"	1,058 00	
Theodore Lyman	"	11,291 00	
Josiah Bradlee	"	1,020 00	
Benjamin V. French	"	565 00	
H. H. Hunnewell	"	4,537 00	
W. J. Walker	"	2,428 07	
Levi Whitcomb	"	533 00	
Benjamin B. Davis	"	570 00	
Marshall P. Wilder	"	1,011 00	
John L. Russell	"	1,000 00	
Francis B. Hayes	"	11,600 00	
Henry A. Gane	"	1,245 00	
John S. Farlow	"	2,657 54	
Benjamin H. Pierce	"	904 00	
John C. Chaffin	"	1,286 89	
Benjamin V. French	"	3,122 00	
John Allen French	"	5,375 00	
George R. White	"	8,184 18	
John S. Farlow	"	3,244 42	
Helen Collamore	"	5,000 00	
Caroline S. Freeman	"	10,000 00	
J. D. W. French	"	12,183 29	
Albert C. Burrage	"	1,200 00	$91,061 39
Capital and Reserve	"		754,915 37
			$845,976 76

Balance Sheet — January 1, 1922.

Assets.

Cash:			
Treasurer		$268 91	
Bursar		1,696 90	
Investments		290,883 24	
Property Massachusetts & Huntington Avenues		498,564 63	
Furniture and Exhibition Ware		7,982 61	
Library		46,580 47	
Total Assets			$845,976 76

Funds and Capital.

Life Membership Fees			$7,510 00	
Mt. Auburn Cemetery Fund			15,476 35	
Sundry Funds			91,061 39	
Bequest of F. B. Hayes		$247,489 27		
Less Guardian's Acct.	$82,496 43			
Trustees' Acct.	2,308 66	84,805 09	162,684 18	
Capital Account		564,524 70		
Less Loss on Bonds		2 50	564,522 20	841,254 12
Accumulated Reserve				4,722 64
Total Funds and Capital				$845,976 76

Membership.

December 31, 1921.

Life Members, December 31, 1920		772	
Added in 1921		33	
Changed from Annual		2	
		807	
Deceased		24	783
Annual Members, December 31, 1920		199	
Added in 1921		30	
		229	
Changed to Life	2		
Deceased	3		
Resigned	2		
Dropped for non-payment of dues	4	11	218
Membership, December 31, 1921			1001

INCOME FROM MEMBERSHIP.

33 New Life Members at $30	$990 00
30 New Annual Members at $10	300 00
2 Annual Members, changed to Life	40 00
Annual Members' Dues for 1921	334 00
	$1,664 00

JOHN S. AMES,
Treasurer.

OFFICERS, COMMITTEES, AND MEMBERS, 1922.

Massachusetts Horticultural Society

OFFICERS AND STANDING COMMITTEES FOR 1922.

President.

ALBERT C. BURRAGE, of Boston.

Vice-Presidents.

THOMAS ALLEN, of Boston.
CHARLES S. SARGENT, of Brookline.

Treasurer.

JOHN S. AMES, of North Easton.

Secretary.

WILLIAM P. RICH, of Chelsea.*

Trustees.

JOHN S. AMES, of North Easton.
FRANCIS H. APPLETON, of Boston.
MISS MARIAN R. CASE, of Weston.
MRS. S. V. R. CROSBY, of Boston.
ERNEST B. DANE, of Brookline.
WILLIAM C. ENDICOTT, of Boston.
NATHANIEL T. KIDDER, of Milton.
ARTHUR LYMAN, of Boston.
JAMES METHVEN, of Readville.
HENRY H. RICHARDSON, of Boston.
THOMAS ROLAND, of Nahant.
MRS. BAYARD THAYER, of South Lancaster.
GEORGE C. THURLOW, of West Newbury.
HENRY P. WALCOTT, of Cambridge.
EDWIN S. WEBSTER, of Boston.
ERNEST H. WILSON, of Jamaica Plain.
FRED A. WILSON, of Nahant.

Nominating Committee.

ROBERT CAMERON, of Ipswich. NATHANIEL T. KIDDER, of Milton.
WILLIAM N. CRAIG, of Brookline. ARTHUR LYMAN, of Boston.
LOREN D. TOWLE, of Newton.

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* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES FOR 1922

Finance Committee

ALBERT C. BURRAGE, *Chairman*
JOHN S. AMES — WILLIAM C. ENDICOTT
RICHARD M. SALTONSTALL*

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* Deceased, April 17, 1922.

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Revised to June 1, 1922.

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Members and correspondents of the Society and all other persons who may know of deaths, changes of residence, or other circumstances showing that the following lists are inaccurate in any particular, will confer a favor by promptly communicating to the Secretary the needed corrections.

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1921 C. E. Lane-Poole, Conservator of Forests, Perth, Western Australia.
1911 Émile Lemoine, Nancy, France.
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1912 C. Harman Payne, London, England.
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1894 Cavalière Enrico Ragusa, Palermo, Sicily.
1906 Dr. Henry L. Ridley, C. M. G., F. R. S., Kew, England.
1898 Benjamin Lincoln Robinson, Ph.D., Curator of the Gray Herbarium of Harvard University, Cambridge, Mass.
1875 William Robinson, East Grinstead, Sussex, England.
1921 Leonard Rodway, C. M. G., Government Botanist and Secretary, Botanic Gardens, Hobart, Tasmania.
1919 Eugène Schaettel, Paris, France.
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1909 Baldwin, Frank F., Ashland.
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1914 Bigelow, Charles, Brookline.
1899 Bigelow, Joseph S., Cohasset.

1899 Bigelow, Dr. William Sturgis, Boston.
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1914 Brewer, Joseph, Milton.
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1919 Buff, Louis F., Jamaica Plain.
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1920 Burgess, William H., Lexington.
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1911 Burnett, John T., Southborough.
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1891 Campbell, Francis, Cambridge.
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1902 Comley, Norris F., Lexington.
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1899 Coolidge, J. Randolph, Chestnut Hill.
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1921 Crowninshield, Francis B., Boston.
1921 Crowninshield, Mrs. Francis B., Boston.
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1856 Curtis, Charles F., Jamaica Plain.
1899 Curtis, Charles P., Boston.
1875 Curtis, Joseph H., Boston.
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1906 Cutler, Mrs. Charles F., Boston.
1919 Cutler, Clarence H., Lexington.
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1903 Cutler, Judge Samuel R., Revere.

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1908 Dane, Mrs. Ernest B., Brookline.
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1921 Ellery, Mrs. William, Brookline.
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1888 Elliott, William H., Brighton.
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1907 Eustis, Miss Mary St. Barbe, Brookline.

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1892 Finlayson, Kenneth, Jamaica Plain.
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1899 Gardner, John L., Boston.
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1910 Geiger, Albert, Jr., Brookline.
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1911 Gill, Miss Eliza M., Boston.
1887 Gill, George B., Boston.
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1912 Greenough, Mrs. David S., Jamaica Plain.
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1910 Harris, Prof. William Fenwick, Cambridge.
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1895 Harwood, George Fred, Newton.
1884 Hastings, Levi W., Brookline.
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1899 Hayward, George P., Chestnut Hill.
1914 Haywood, H. T., Franklin.
1905 Head, Thomas W., Red Bank, N. J.
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1903 Hellier, Charles E., Boston.
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1899 Hemenway, Mrs. Augustus, Boston.
1914 Hemenway, Augustus, Jr., Boston.
1884 Henshaw, Joseph P. B., Boston.
1899 Henshaw, Samuel, Cambridge.
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1891 Heustis, Warren H., Belmont.
1894 Hewett, Miss Mary Crane, Cambridge.
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1902 Higginson, Mrs. Henry L., Boston.
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1899 Hollingsworth, Z. T., Boston.
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1888 Horsford, Miss Kate, Cambridge.
1902 Hosmer, Oscar, Baldwinsville.
1907 Houghton, Clement S., Chestnut Hill.
1910 Houghton, Miss Elizabeth G., Boston.
1872 Hovey, Charles H., South Pasadena, Cal.

1884 Hovey, Stillman S., Woburn.
1917 Howard, Everett C., Belchertown.
1904 Howard, Henry M., West Newton.
1896 Howard, Joseph W., Somerville.
1915 Howes, Mrs. Ernest, Boston.
1917 Howes, Osborne, Chestnut Hill.
1896 Hubbard, Charles Wells, Weston.
1917 Hubbard, Eliot, Boston.
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1917 Hunnewell, Mrs. Arthur, Wellesley.
1912 Hunnewell, F. W., Wellesley.
1893 Hunnewell, Henry Sargent, Wellesley.
1912 Hunnewell, Mrs. Henry S., Wellesley.
1922 Hunnewell, Miss Louisa, Boston.
1912 Hunnewell, Walter, Wellesley.
1917 Hunt, Miss Belle, Boston.
1919 Hunt, William, Lexington.
1880 Hunt, William H., Concord.

1919 I'Anson, George, Beverly Farms.

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1886 Jackson, Charles L., Boston.
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1884 Jackson, Robert T., Peterborough, N. H.
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1916 Jahn, William O., East Bridgewater.
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1902 James, Mrs. Ellerton, Milton.
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1885 Johnson, J. Frank, Malden.
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1897 Jones, Dr. Mary E., Boston.
1922 Judd, William H., Jamaica Plain.

1920 Keith, Simeon C., Brookline.
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1891 Kendall, Dr. Walter G., Atlantic.
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1891 Keyes, John M., Concord.
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1880 Kidder, Nathaniel T., Milton.
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1913 Lancaster, Dr. Walter B., Newton Center.
1899 Lanier, Charles, Lenox.
1917 Lapham, Henry G., Brookline.
1920 Lauriat, Charles E., Jr., West Newton.
1895 Lawrence, Amos A., New York, N. Y.
1873 Lawrence, John, Groton.
1899 Lawrence, Rt. Rev. William, Boston.
1895 Lee, Daniel D., Jamaica Plain.
1914 Lee, George C., Westwood.
1880 Leeson, Hon. Joseph R., Newton Center.
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1902 Leighton, George B., Monadnock, N. H.
1914 Leland, Lester, Boston.
1914 Leland, Mrs. Lester, Boston.
1903 Libby, Charles W., Medford.
1917 Liggett, Louis K., Chestnut Hill.
1899 Locke, Isaac H., Belmont.
1891 Lodge, Richard W., Redlands, Cal.
1897 Loomis, Elihu G., Bedford.
1899 Loring, Augustus P., Prides Crossing.
1919 Loring, Augustus P., Jr., Prides Crossing.
1919 Loring, Mrs. A. P., Prides Crossing.
1905 Loring, David, Boston.
1914 Loring, Miss Katharine P., Prides Crossing.
1914 Loring, Miss Louisa P., Prides Crossing.
1896 Loring, William Caleb, Prides Crossing.
1899 Loring, Mrs. William Caleb, Prides Crossing.
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1899 Lowell, Abbott Lawrence, Cambridge.
1902 Lowell, Miss Amy, Brookline.
1903 Lowell, James A., Chestnut Hill.
1903 Lowell, John, Chestnut Hill.
1904 Lowell, Miss Lucy, Boston.
1899 Luke, Otis H., Brookline.
1895 Lunt, William W., Hingham.
1918 Lyman, Arthur, Boston.
1914 Lyman, C. Frederic, Boston.
1895 Lyman, George H., Wareham.

1898 Mabbett, George, Plymouth.
1919 McGregor, Frank J., Newburyport.
1912 McKay, Alexander, Jamaica Plain.
1911 McKenzie, Donald, Chestnut Hill.
1892 Mallett, E. B., Jr., Freeport, Me.
1920 Manda, Joseph, West Orange, N. J.
1884 Manda, W. A., South Orange, N. J.
1890 Manning, A. Chandler, Wilmington.
1887 Manning, J. Woodward, Reading.
1884 Manning, Warren H., North Billerica.
1909 Marlborough, James, Topsfield.
1876 Marshall, Frederick F., Everett.
1898 Marston, Howard, Brookline.
1917 Martin, Edwin S., Chestnut Hill.
1899 Mason, Miss Ellen F., Boston.
1919 Mason, Miss Fanny P., Boston.
1896 Mason, Col. Frederick, Taunton.
1914 Mathews, Miss Elizabeth Ashby, Newton Center.
1901 Matthews, Nathan, Boston.
1906 Maxwell, George H., Newton.
1917 Mead, Francis V., West Somerville.
1917 Meader, H. E., Dover, N. H.
1902 Melvin, George, South Framingham.
1905 Meredith, J. Morris, Topsfield.
1919 Merriam, Edward P., Lexington.
1881 Merriam, Herbert, Weston.
1917 Methven, James, Readville.
1884 Metivier, James, Waltham.
1914 Miller, Peter M., Mattapan.
1888 Milmore, Mrs. Joseph, Washington, D. C.
1917 Mink, Oliver W., Boston.
1915 Minot, Mrs. Charles S., Readville.
1892 Monteith, David, Hyde Park, Vt.
1896 Montgomery, Alexander, Natick.
1902 Montgomery, Alexander, Jr., Hadley.
1896 Moore, George D., Arlington.
1881 Moore, John H., Concord.

1897 Morgan, George H., New York, N. Y.
1914 Morgan, Mrs. J. P., Jr., New York, N. Y.
1913 Morison, Robert S., Cambridge.
1899 Morse, John T., Boston.
1909 Morse, John Torrey, 3d., Boston.
1910 Morse, Lewis Kennedy, Boxford.
1913 Morse, Robert C., Milton.
1914 Morss, Charles A., Chestnut Hill.
1914 Morss, Mrs. Charles A., Chestnut Hill.
1902 Morton, James H., Huntington, N. Y.
1896 Moseley, Charles H., Roxbury.
1896 Moseley, Frederick Strong, Newburyport.
1921 Motley, Mrs. Thomas, Jr., Boston.
1914 Munroe, Howard M., Lexington.
1900 Murray, Peter, Fairhaven.
1897 Mutch, John, Waban.

1921 Nason, Thomas W., Boston.
1917 Neal, James A., Brookline.
1899 Nevins, Mrs. David, Methuen.
1914 Newbold, Frederic R., New York, N. Y.
1874 Newman, John R., Winchester.
1874 Newton, Rev. William W., Pittsfield.
1919 Nichols, Mrs. W. L., Brookline.
1895 Nicholson, William, Framingham.
1914 Nicholson, William R., Framingham.
1906 Nickerson, William E., Cambridge.
1914 Norman, Mrs. Louisa P., Newport, R. I.
1881 Norton, Charles W., Allston.
1921 Norton, Miss Christine A., Medfield.
1920 Norton, Harry A., Ayer's Cliff, Quebec, Canada.

1921 O'Brien, John J., Boston.
1912 O'Conner, John, Brookline.
1898 Olmsted, Frederick Law, Brookline.
1898 Orpet, Edward O., Santa Barbara, Cal.
1919 Osgood, Miss Alice J., Wellesley Hills.
1921 Osgood, Dana, Hopedale.
1917 Osgood, Miss Fanny C., Hopedale.

1909 Page, George, Prides Crossing.
1909 Page, George William, South Lincoln.
1900 Page, Mrs. Henrietta, Boston.
1884 Paige, Clifton H., Mattapan.
1914 Paine, Robert Treat, 2d, Boston.
1908 Parker, Augustine H., Dover.
1913 Parker, Edgar, North Easton.
1911 Parker, Edward, North Easton.
1915 Parker, Miss Eleanor S., Bedford.
1921 Parker, Mrs. Harriet Talbot, Lowell.
1917 Parkhurst, Lewis, Winchester.
1891 Parkman, Henry, Boston.
1914 Patten, Miss Jane B., South Natick.
1909 Peabody, Francis, Milton.
1909 Peabody, Mrs. Francis, Milton.
1899 Peabody, George A., Danvers.
1907 Peirce, E. Allan, Waltham.
1916 Peirce, Edward R., Wellesley Farms.
1915 Penn, Henry, Brookline.
1899 Pentecost, Mrs. Ernest Harvey, Topsfield.
1917 Peterson, George H., Fair Lawn, N. J.
1899 Pfaff, Col. Charles, South Framingham.
1900 Phillips, John C., North Beverly.
1899 Phillips, Mrs. John C., North Beverly.

1899 Phillips, William, North Beverly.
1895 Pickman, Dudley L., Boston.
1902 Pickman, Mrs. Dudley L., Boston.
1881 Pierce, Dean, Brookline.
1905 Pierson, Frank R., Tarrytown, N. Y.
1914 Pingree, David, Salem.
1919 Pocock, Frederick, Beverly Farms.
1900 Pond, Preston, Winchester.
1892 Porter, James C., Wollaston.
1884 Pratt, Laban, Dorchester.
1914 Pratt, Waldo E., Wellesley Hills.
1898 Pray, James Sturgis, Cambridge.
1914 Preston, Andrew W., Swampscott.
1903 Preston, Howard Willis, Providence, R. I.
1911 Priest, Lyman F., Gleasondale.
1901 Proctor, Thomas E., Boston.
1883 Purdie, George A., Wellesley Hills.
1899 Putnam, George, Manchester.
1900 Putnam, George J., Brookline.

1886 Quinby, Hosea M., M.D., Worcester.

1889 Rand, Harry S., North Cambridge.
1908 Rand, Miss Margaret A., Cambridge.
1903 Rawson, Herbert W., Arlington.
1882 Ray, James F., Franklin.
1890 Raymond, Walter, Pasadena, Cal.
1891 Read, Charles A., Manchester.
1902 Reardon, Edmund, Cambridge.
1892 Reardon, John B., Boston.
1905 Remick, Frank W., West Newton.
1889 Rice, George C., Worcester.
1893 Rich, Miss Ruth G., Newton.
1888 Rich, William E. C., Ocean Park, Me.
1887 Rich, William P., Chelsea.
1876 Richards, John J., Brookline.
1899 Richardson, Mrs. F. L. W., Charles River Village.
1912 Richardson, H. H., Brookline.
1918 Richardson, William K., Nahant.
1900 Richardson, Dr. William L., Boston.
1905 Riggs, William Allan, Auburndale.
1917 Riley, Charles E., Newton.
1886 Ripley, Charles, Dorchester.
1903 Robb, Russell, Concord.
1909 Roberts, Miss Anna B., Boston.
1909 Robinson, Alfred E., Lexington.
1871 Robinson, John, Salem.
1893 Robinson, Walter A., Arlington.
1911 Rogers, Dexter M., Allston.
1914 Rogers, Dudley P., Danvers.
1921 Rogers, Miss Madelaine G., Brookline.
1900 Roland, Thomas, Nahant.
1910 Ross, Harold S., Hingham.
1892 Ross, Henry Wilson, Newtonville.
1895 Rothwell, James E., Brookline.
1899 Roy, David Frank, Marion.
1875 Russell, George, Woburn.
1900 Russell, James S., Milton.
1921 Russell, John L., Dedham.
1914 Russell, Mrs. Robert S., Boston.
1919 Ryder, Charles W., Newtonville.

1893 Salisbury, William C. G., Brookline.
1915 Saltonstall, Mrs. Caroline S., Milton.
1912 Saltonstall, John L., Boston.
1912 Saltonstall, Mrs. John L., Boston.
1898 Sanger, Mrs. George P., Boston.

1922 Sargent, Miss Alice, Brookline.
1870 Sargent, Charles S., Brookline.
1902 Sargent, Charles Sprague, Jr., Cedarhurst, N. Y.
1899 Sargent, Mrs. Francis W., Wellesley.
1875 Saunders, Miss Mary T., Salem.
1921 Schling, Max, New York, N. Y.
1895 Sears, Miss Clara E., Boston.
1899 Sears, Dr. Henry F., Boston.
1914 Sears, Horace S., Weston.
1899 Sears, Mrs. J. Montgomery, Boston.
1898 Sharp, Miss Helen, Boston.
1886 Sharples, Stephen P., Cambridge.
1914 Shattuck, Dr. Frederick C., Boston.
1914 Shattuck, Mrs. Frederick C., Boston.
1899 Shaw, Francis, Brookline.
1914 Shaw, Henry S., Milton.
1899 Shaw, Mrs. Robert G., Wellesley.
1901 Shea, James B., Jamaica Plain.
1920 Shurtleff, Arthur A., Boston.
1901 Shurtleff, Josiah B., Revere.
1893 Siebrecht, H. A., New Rochelle, N. Y.
1917 Silber, Miss Charlotte G., Needham.
1917 Silsbee, Miss Katharine E., Boston.
1899 Sleeper, Henry Davis, Boston.
1903 Smiley, Daniel, Lake Mohonk, N. Y.
1888 Smith, Charles S., Lincoln.
1919 Smith, Earnest E., Boston.
1911 Smith, John L., Swampscott.
1874 Snow, Eugene A., Allston.
1899 Sohier, Col. William D., Beverly.
1918 Spalding, Miss Dora N., Boston.
1908 Spaulding, John T., Prides Crossing.
1908 Spaulding, William S., Prides Crossing.
1897 Sprague, Isaac, Wellesley Hills.
1884 Stearns, Charles H., Brookline.
1893 Stearns, Frank W., Newton.
1896 Stedman, Henry R., M. D., Brookline.
1914 Stevens, Mrs. Nathaniel, North Andover.
1919 Stewart, George F., Waltham.
1918 Stimpson, Harry F., Chestnut Hill.
1901 Stone, Charles A., Newton.
1889 Stone, Charles W., Boston.
1910 Stone, Mrs. Francis H., South Dartmouth.
1914 Stone, Galen L., Brookline.
1896 Stone, Prof. George E., Amherst.
1914 Stone, J. Winthrop, Watertown.
1914 Stone, Nathaniel H., Milton.
1917 Storey, Moorfield, Boston.
1905 Storrow, James J., Boston.
1918 Stranger, David C., West Newbury.
1905 Stratton, Charles E., Boston.
1906 Strout, Charles S., Biddeford, Me.
1914 Sturgis, Miss Evelyn R., Manchester.
1902 Sturgis, Richard Clipston, Boston.
1916 Sturtevant, Miss Grace, Wellesley Farms.
1921 Sturtevant, Robert Swan, Wellesley Farms.
1910 Sullivan, Martin, Jamaica Plain.
1912 Swan, Charles H., Jamaica Plain.
1891 Sweet, Everell F., Malden.
1916 Swett, Raymond W., Newton.
1904 Sylvester, Edmund Q., Hanover.

1900 Taylor, Mrs. Thomas, Jr., Columbia, S. C.
1913 Tedcastle, Mrs. Arthur W., Hyde Park.

1907 Thacher, Miss Elizabeth B., Roxbury.
1907 Thaxter, William C., Boston.
1902 Thaxter, Arthur E., Bar Harbor, Me.
1898 Thaxter, William, Brookline.
1900 Thayer, Mrs. Bayard, South Lancaster.
1903 Thayer, Henry J., Boston.
1899 Thayer, John E., South Lancaster.
1899 Thayer, Mrs. John E., South Lancaster.
1899 Thayer, Mrs. Nathaniel, South Lancaster.
1899 Thomann, Hermann, Dwasso, Mich.
1896 Thomas, W. S., Manchester.
1902 Thompson, Prof. P., Worcester.
1901 Thorndike, George C., West Newton.
1903 Thorndike, Winthrop H., West Newton.
1878 Tidman, Miss Harriet S., Boston.
1899 Tilden, Samuel W., Newburyport.
1899 Tinker, Miss Ellen May, Lexington.
1901 Tower, Miss Helen M., Cambridge.
1904 Town, C. H., Newton.
1895 Townsend, Samuel J., Belmont, R. I., R. F. D.
1907 Train, Edwin, Needham.
1901 Turner, Chester Harvell, Springfield.
1904 Tyler, Charles H., Boston.
1905 Tyndall, Daniel, Brockton.
1901 Underwood, Loring, Belmont.
1907 Van Brunt, F. A., North Cambridge.
1903 Vander Loet, Christian, Jamaica Plain.
1873 Vander-Woerd, Charles, Roxbury.
1881 Vaughan, J. C., Chicago, Ill.
1899 Vaughan, William Warren, Boston.
1884 Vinal, Miss Mary L., Somerville.
1904 Wagstaff, Archibald, Wellesley Hills.
1876 Walcott, Henry P., M. D., Cambridge.
1896 Waldo, C. Sidney, Jamaica Plain.
1901 Waltham, George C., Worcester.
1907 Walton, Arthur G., Wakefield.
1902 Warburton, Chatterton, Fall River.
1902 Warfield, Mrs. T. Otis, Haverhill.
1884 Ware, Miss Mary L., Boston.
1909 Warren, Bentley W., Boston.
1884 Watson, Thomas A., East Braintree.
1904 Watters, W. F., Boston.
1906 Webster, Edwin S., Chestnut Hill.
1904 Webster, Mrs. Edwin S., Chestnut Hill.
1906 Webster, Frank G., Boston.
1907 Webster, George H., Haverhill.
1896 Webster, Hollis, Cambridge.
1905 Webster, Laurence J., Chestnut Hill.
1909 Weeks, Andrew Gray, Marion.
1902 Welch, Edward J., Dorchester.
1904 Weld, Mrs. Charles G., Brookline.
1907 Weld, Rudolph, Boston.
1904 Weld, Mrs. Stephen M., Wareham.
1902 Wellington, Mrs. Arthur W., Boston.
1907 Wellington, William H., Boston.
1882 West, Mrs. Maria L., Neponset.

1919 Wheeler, Everett P., Rockland.
1889 Wheeler, James, Natick.
1897 Wheeler, Wilfrid, Concord.
1919 Whitcomb, Myron L., Haverhill.
1901 White, Mrs. Charles T., Boston.
1909 White, Harry K., Milton.
1917 Whitehouse, Mrs. Francis M., Manchester.
1905 Whitman, William, Brookline.
1894 Whitney, Arthur E., Winchester.
1894 Whitney, Ellerton P., Milton.
1899 Whitney, Henry M., Brookline.
1917 Whittemore, Charles, Cambridge.
1915 Wigglesworth, Frank, Milton.
1899 Wigglesworth, George, Milton.
1889 Wilde, Mrs. Albion D., Canton.
1881 Wilder, Edward Baker, Dorchester.
1897 Wilkie, Edward A., Newtonville.
1899 Williams, Miss Adelia Coffin, Roxbury.
1905 Williams, George Percy, Boston.
1899 Williams, John Davis, Boston.
1905 Williams, Mrs. J. Bertram, Cambridge.
1905 Williams, Mrs. Moses, Brookline.
1911 Williams, Ralph B., Dover.
1915 Wilson, E. H., Jamaica Plain.
1914 Wilson, Fred A., Nahant.
1919 Wilson, James A., Lexington.
1881 Wilson, William Power, Boston.
1921 Winkler, Edward, Wakefield.
1917 Winslow, Arthur, Boston.
1905 Winsor, Robert, Weston.
1920 Winter, Miss Hattie B., Mansfield.
1906 Winter, Herman L., Portland, Me.
1914 Winthrop, Grenville L., Lenox.
1914 Winthrop, Mrs. Robert, New York, N. Y.
1914 Winthrop, Mrs. Robert C., Jr., Boston.
1920 Wister, John C., Philadelphia, Pa.
1921 Wollrath, Henry J., Waltham.
1905 Woodberry, Miss E. Gertrude, Winter Hill.
1905 Woodbury, John, Canton.
1906 Woodward, Mrs. Samuel Bayard, Worcester.
1920 Worthley, L. H., Cambridge.
1917 Wright, George S., Watertown.
1921 Wyman, Richard M., Framingham.
1919 Wyman, Walton G., North Abington.
1900 Wyman, Windsor H., North Abington.

1921 Young, Mrs. Charlotte W., Auburndale.

ANNUAL MEMBERS.

1921 Abbott, Mrs. Gordon, Boston.
1913 Adams, Charles F., Jamaica Plain.
1919 Alexander, J. K., East Bridgewater.
1921 Arnott, Peter, Chestnut Hill.
1912 Babcock, Miss Mabel Keyes, Wellesley Hills.
1911 Bacon, Augustus, Roxbury.
1915 Baker, Mrs. G. B., Chestnut Hill.
1918 Barnes, Rowland H., Newton Highlands.

1898 Barr, John, South Natick.
1916 Barron, Leonard, Garden City, N. Y.
1917 Beal, Thomas P., Jr., Boston.
1917 Bögholt, Christian M., Newport, R. I.
1921 Boyle, Charles F., Boston.
1901 Bradley, Miss Abby A., Hingham.
1913 Bradley, Miss Julia H., Roxbury.
1921 Breed, George A., Stockbridge.
1922 Brewer, Robert D., Hingham.
1909 Brigham, Mrs. Clifford, Milton.
1916 Brown, Mrs. G. Winthrop, Chestnut Hill.
1921 Burke, Patrick W., Brookline.
1922 Burnhome, Mrs. M. S., Boston.

1921 Caddick, Edgar, Wellesley Hills.
1914 Campbell, Ernest W., Wollaston.
1910 Camus, Emil, Boston.
1917 Carlquist, Sigurd W., Lenox.
1904 Chandler, Alfred D., Brookline.
1920 Cheney, Mrs. Frederick E., Concord.
1917 Child, H. Walter, Boston.
1919 Clark, William Edwin, Sharon.
1918 Clarke, Hermann F., Brookline.
1918 Cogger, Thomas, Melrose.
1921 Cole, Harry, Readville.
1914 Colt, James D., Chestnut Hill.
1907 Colt, Mrs. James D., Chestnut Hill.
1919 Conant, Miss Margaret W., West Medford.
1917 Conant, Mrs. William C., Boston.
1917 Coolidge, Mrs. W. H., Boston.
1915 Copson, William A., Roslindale.
1914 Crocker, Mrs. George Glover, Boston.
1914 Crocker, Joseph Ballard, Chatham.
1914 Crompton, Miss Mary A., Worcester.
1917 Curtis, Allen, Boston.
1914 Cushing, Mrs. Harvey, Brookline.
1912 Cutler, Mrs. N. P., Newton.

1910 Dahl, Frederick William, Roxbury.
1917 Dalton, Philip S., Milton.
1921 Darling, Edgar W., New Bedford.
1921 Dickinson, Edward F., Billerica.
1911 Dolansky, Frank J., Lynn.
1921 Donahue, Thomas F., Newton Lower Falls.
1918 Donald, James, Hingham.
1921 Drew, Fred, M. D., Boston.
1921 Duly, Richard J., Newton.

1919 Emery, Frederick L., Lexington.
1916 Estabrooks, Dr. John W., Wollaston.

1902 Farlow, Mrs. William G., Cambridge.
1919 Farrington, Edward I., Weymouth Heights.
1921 Fish, A. J., New Bedford.
1922 Fish, George L., South Billerica.
1917 Fiske, David L., Grafton.
1922 Fletcher, Miss Effie J., Boston.
1917 Flood, Mrs. Mary, Woburn.
1903 Freeman, Miss Harriet E., Boston.
1919 French, C. H., West Roxbury.

1912 Gage, L. Merton, Groton.
1919 Golby, Walter H., Jamaica Plain.
1912 Goodwin, Mrs. Daniel, East Greenwich, R. I.
1917 Gordon, George, Beverly.
1921 Gorney, Elijah S., Boston.
1917 Graton, Louis, Whitman.
1900 Grey, Robert Melrose, Belmont, Cuba.
1897 Grey, Thomas J., Chelsea.

1919 Hall, Joseph B., Cambridge.
1908 Hamilton, Mrs. George Langford, Magnolia.
1912 Hardy, John H., Jr., Littleton.
1917 Hathaway, Walter D., New Bedford.
1918 Hayes, Herbert W., Waban.
1910 Hayward, Mrs. W. E., Ipswich.
1916 Hibbard, Miss Ann, West Roxbury.
1914 Higginson, Mrs. Alexander H., Manchester.
1920 Higginson, Mrs. Frederic, Brookline.
1902 Hildreth, Miss Ella F., Westford.
1902 Hill, Arthur Dehon, Boston.
1921 Hill, John Edward, Providence, R. I.
1912 Hollingsworth, Mrs. Sumner, Boston.
1913 Holmes, Eber, Halifax.
1913 Houghton, Mrs. Clement S., Chestnut Hill.
1917 Howard, W. D., Milford.
1900 Howden, Thomas, Hudson.
1917 Howe, Henry S., Brookline.
1902 Hubbard, Allen, Newton Centre.
1921 Hughes, Thomas H., New Bedford.

1921 Jenkins, Allen J., Shrewsbury.
1913 Jenkins, Edwin, Lenox.
1916 Jenks, Albert R., West Acton.
1921 Johnson, John, Pittsfield.
1903 Johnston, Robert, Lexington.

1898 Kelsey, Harlan P., Salem.
1898 Kennard, Frederic H., Newton Centre.
1912 Kirkegaard, John, Bedford.
1921 Kunan, Ernst, Arlington

1914 Leach, C. Arthur, South Hamilton.
1914 Leary, Dr. Timothy, Jamaica Plain.
1904 Leuthy, A., Roslindale.
1902 Lewis, E. L., Taunton.
1901 Loring, Mrs. Thacher, Boston.
1903 Lumsden, David, Ithaca, N. Y.

1912 McCarthy, Nicholas F., South Boston.
1904 MacMulkin, Edward, Boston.
1919 Millett, Charles H., Malden.
1917 Mixter, Dr. Samuel J., Boston.
1914 Morse, Frank E., Auburndale.

1920 Naber, Henry L. F., West Roxbury.
1916 Nehrling, Prof. Arno H., Ithaca, N. Y.
1903 Nixon, J. Arthur, Taunton.

1915 Parker, A. S., Stoneham.
1914 Parker, Miss Charlotte E., Ipswich.
1909 Parker, W. Prentiss, Nantucket.
1921 Parks, Mrs. Frances R., Newton Center.
1908 Peabody, Mrs. W. Rodman, Hyde Park.
1914 Pembroke, A. A., Beverly.
1898 Pierce, Mrs. F. A., Brookline.
1921 Pinault, Z. R., Fairhaven.
1921 Pope, Mrs. Henrietta Marquis, Boston.
1902 Pritchard, John, Bedford Hills, N. Y.
1912 Proctor, Dr. Francis I., Wellesley.

1897 Rea, Frederic J., Norwood.
1912 Reed, H. B., Auburndale.
1914 Rees, Ralph W., Ithaca, N. Y.
1900 Robb, Peter B., Whitinsville.
1921 Rogers, Alfred E. T., Prides Crossing.
1921 Rogers, Andrew K., Readville.
1915 Rosenthal, Wolf, Boston.
1922 Russell, Mrs. Charles F., Boston.

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1921

1910 Rust, William C., Brookline.
1918 Rutherford, William D. F., Norfolk.
1918 Ryder, Robert L., Lexington.

1907 Sanborn, Edward W., Boston.
1897 Sander, Charles J., Brookline.
1920 Saunders, Maurice M., Boston.
1910 Sears, Prof. F. C., Amherst.
1907 Seaver, Robert, Jamaica Plain.
1886 Sharples, Stephen P., Cambridge.
1922 Shaw, Mrs. Brackley, Chestnut Hill.
1921 Shaw, Mrs. Quincy A., Boston.
1907 Sim, William, Cliftondale.
1920 Simmons, Miss Annie E. E., Dorchester.
1914 Smith, George N., Wellesley Hills.
1922 Smith, Mrs. Henry P., Boston.
1914 Spaulding, Mrs. Samuel S., Springfield Center, N. Y.
1921 Spencer, S. E., Woburn.
1922 Steele, Fletcher, Boston.
1914 Sprague, George H., Hamilton.
1917 Stephen, A. L., Waban.
1914 Stevenson, Robert H., Readville.
1921 Stewart, Henry, Waltham.
1914 Sturgis, Miss Lucy Codman, Boston.
1904 Symmes, Samuel S., Winchester.

1921 Thayer, Clark Leonard, Amherst.
1914 Thayer, John E., Jr., Lancaster.
1919 Thommen, Gustave, Somerville.
1919 Tillinghast, Joseph J., Hyde Park.
1909 Tracy, B. Hammond, Wenham.
1913 Tuckerman, Bayard, Ipswich.
1922 Turner, Miss Mabel, Malden.
1922 Tyson, Mrs. Russell, Chicago, Ill.

1911 Ufford, Charles A., Dorchester.

1915 Wadsworth, Ralph E., Northboro.
1922 Ware, Mrs. Whitman, Boston.
1922 Warner, Dr. Charles T., Boston.
1914 Waterer, Anthony, 3d, Philadelphia, Pa.
1914 Waterer, Hosea, Philadelphia, Pa.
1889 Welch, Patrick, Dorchester.
1915 Wetterlow, Eric H., Manchester.
1909 Wheeler, George F., Concord.
1919 Wheeler, Harry A., Lexington.
1917 White, Mrs. Joseph H., Brookline.
1922 Whitney, Byam, Boston.
1920 Whitney, Leon F., New York. N. Y.
1901 Wilder, Miss Grace S., Dorchester.
1913 Williams, Mrs. Emile F., Cambridge.
1919 Williams, Henry M., Haverhill.
1922 Willis, Mrs. C. W., Bedford.
1921 Wollrath, Albert J., Waltham.

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